



1764

696-253B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT OPERATION

In re Application of:

Kelly Benham

Serial No.: 10/616,660

Group Art Unit: Not yet known.

Filed : July 10, 2003

Examiner: Not yet known.

For : "RISER TERMINATOR DEVICE"

New York, NY 10036

November 24, 2003

Mail Stop DD
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

The following statement of relevance is submitted with the accompanying
Form PTO/SB/08A.

Document
Designation

Relevance

AA
U.S. 2,737,479

Relates to staged separation and stabilization of oil
conversion products and apparatus therefor.

I hereby certify that this correspondence is being deposited
with the United States Postal Service as first class mail in
an envelope addressed to:

Mail Stop DD
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on November 24, 2003

Alan B. Clement, Reg. No. 34,563

AB
U.S. 2,878,891 Relates to loop separator for gases and solids.

AC
U.S. 3,074,878 Relates to short contact time system.

AD
U.S. 3,835,029 Relates to downflow concurrent catalytic cracking.

AE
U.S. 4,288,235 Relates to low residence time solid-gas separation device and system.

AF
U.S. 4,348,364 Relates to thermal regenerative cracking apparatus and separation system therefor.

AG
U.S. 4,433,984 Relates to low residence time solid-gas separation device and system.

AH
U.S. 4,756,886 Relates to rough cut solids separator.

AI
U.S. 4,961,863 Relates to process for the separation of solids from a mixture of solids and fluid.

AJ
U.S. 5,259,855 Relates to apparatus for separating fluidized cracking catalysts from hydrocarbon vapor.

Full text copies of the prior art are enclosed herewith. It is respectfully requested that this art be considered by the Examiner in the above-entitled application and made of record therein. It is believed that no fee is required for submission of this Information Disclosure Statement under 37 C.F.R. §1.97(b). However, if a fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 08-1540.

Respectfully submitted,



Alan B. Clement
Reg. No. 34,563

MAILING ADDRESS
HEDMAN & COSTIGAN, P.C.
1185 Avenue of the Americas
New York, NY 10036
(212) 302-8989



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

| | |
|------------------------|---------------|
| Application Number | 10/616,660 |
| Filing Date | 07/10/2003 |
| First Named Inventor | Benham, Kelly |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 696-253B |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | AA | US- 2,737,479 | 03-06-1956 | Nicholson | |
| | AB | US- 2,878,891 | 03/24-1959 | Ross et al. | |
| | AC | US- 3,074,878 | 01-22-1963 | Pappas | |
| | AD | US- 3,835,029 | 09/10/1974 | Larson | |
| | AE | US- 4,288,235 | 09/08/1981 | Gartside et al. | |
| | AF | US- 4,348,364 | 09/07/1982 | Gartside et al. | |
| | AG | US- 4,433,984 | 02/28/1984 | Gartside et al. | |
| | AH | US- 4,756,886 | 07/12/1988 | Pfeiffer et al. | |
| | AI | US- 4,961,863 | 10/09/1990 | Van der Akker et al. | |
| | AJ | US- 5,259,855 | 11/09/1993 | Ross et al. | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | 7 ⁶ |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.